

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800026-6

COIN

USSR.

1. U.S. policy towards the USSR after 1945. U.S. policy towards the USSR after 1945 was characterized by a mix of containment and accommodation. The Truman administration initially sought to contain Soviet influence in Eastern Europe and elsewhere, while also seeking to accommodate Soviet interests in Korea and elsewhere. This policy was later refined by the Eisenhower administration, which pursued a more aggressive containment strategy against the USSR, particularly in Asia and Latin America. The Kennedy administration continued this policy, while also pursuing a more conciliatory approach towards the USSR in areas such as space exploration and arms control. The Johnson administration pursued a similar policy, while also facing challenges from the USSR in areas such as Cuba and Vietnam. The Nixon administration pursued a more flexible policy, seeking to improve relations with the USSR through détente and arms control negotiations, while also continuing to pursue a policy of containment in other regions.

OGANESYAN, A. P.

25027. OGANESEAN, A. P. Vliyaniye MekhaRicheskogo Sostava Pochvy Na Ee Udel'nde  
Soprotivleniye. Trudy Yubileynoy Sessii, Posvyashch. Stoletiyu So Dnya Rozhdeniya  
Dokuchaeva. M. - L., 1949, S. 379 - 84. — Bibliogr: S. 384

SO: Letopis' No. 33, 1949

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800026-6

OGANIEVSKI, A. P.

"An Apparatus for the Determination of Soil Hardness," Pedolog, No. 7, 1947.

MNDZHOYAN, A.L.; AIRIKYAN, V.G.; OGANESEYAN, A.N.; KHORENYAN, G.A.;  
ALEKSANYAN, R.A.; STEFANYAN, N.O.

Derivatives of p-alkoxybenzoic acids. Report No.22:  
 $\alpha, \beta$ -Dimethyl- $\gamma'$ methylpropyl-, and  $\gamma'$ -dipropylaminopropyl esters  
of p-alkoxybenzoic acids. Izv. AN Arm. SSR. Khim. nauki 16 no.4:  
365-372 '63. (MIRA 16:9)

1. Institut tonkoy organicheskoy khimii AN Armyanskoy SSR.

MNDZHOYAN, A.L., akademik; AFRIKYAN, V.G.; DOKHTIKYAN, A.A.;  
QGAMESYAN, A.N.

Investigations in the field of derivatives of  $\beta$ -alkoxybenzoic acids. Report No.20: Some amino esters of  $\beta$ -butoxybenzoic acids as possible cholinolytic substances. Dokl. AN Arm. SSR 33 no.1: 21-29 '61. (MIRA 14:9)

1. Institut tonkoy organicheskoy khimii AN Armyanskoy SSR.
2. Akademiy nauk Armyanskoy SSR (for Mndzhoyan).  
(Benzoic acid) (Parasympathomimetics)

33530

Radiation emitted during ...

S/022/61/014/005/0C4/007  
D218/D301

fields due to the isolated spheres, i.e. the images of images can be neglected. Subject to this assumption, a formula is derived for the angular end frequency distribution. Finally the analysis is repeated for the case of  $m$  parallel metal cylinders. Here the charged particle is replaced by a charged filament which is parallel to the axes of the cylinders and moves with a uniform velocity at right angles to them. It is stated that these calculations can easily be generalized to the case of a charged particle moving over an arbitrarily periodic structure. Acknowledgements are expressed to G.M. Garibyan for his advice. There are 4 references: 3 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: S. J. Smith and E. M. Purcell, Phys. Rev., 92, 1069, (1955).

ASSOCIATION: Fizicheskiy institut, AN Armyanskoy SSR (Physics Institute, AS Armenian SSR)

SUBMITTED: June 27, 1961

Card 3/3

X

33530  
S/022/61/014/005/004/007  
D218/D301

Radiation emitted during ...

$$\frac{dE}{dt} = \frac{225e^2 v^3}{4096c^3 l} \left( \frac{a}{l} \right)^6 \left[ 7 \sin^2 \theta + 5(1 - \sin^2 \theta \sin^2 \phi) \right] d\Omega(1,3)$$

where  $e$  is the charge on the particle,  $v$  is its velocity,  $a$  is the radius of the sphere,  $l$  is the impact parameter,  $c$  is the velocity of light, and  $\theta$  and  $\phi$  are the polar angles of the direction of emission. A formula is also derived for the frequency distribution and it is shown that the maximum of this distribution occurs at a frequency of  $2.2 v/l$ . At frequencies much smaller than the latter value, the energy is proportional to the fourth power of the frequency, while in the other extreme case it is proportional to  $\omega^5 \exp(-2l\omega/v)$ . The next case considered is that of a charged particle moving along a line which is parallel to the line of centers of  $m$  identical metal spheres. It is stated that if  $(a/r)^3 \ll 1$ , then the radiation field is simply equal to the sum of the radiation

Card 2/2

3,2310 (also 1031, 1482, 1502) also 2806

33530  
S/022/061/014/005/004/007  
D218/D301

AUTHOR: Amatuni, A. Ts. and Oganesyan, A. N.

TITLE: Radiation emitted during the flight of charged particles over a system of metal spheres or cylinders

PERIODICAL: Akademiya nauk Armyanskoy SSR. Izvestiya. Seriya fizi-ko-matematicheskikh nauk, v. 14, no. 5, 1961, 99-107

TEXT: The first part of this paper is concerned with calculating the electromagnetic waves emitted by a system consisting of a metal sphere and a charged particle flying past it. It is assumed that the velocity of the charged particle is much smaller than that of light, but at the same time sufficiently large for it to remain constant, i.e. recoil effects are neglected. The field outside the sphere is obtained by adding together the fields due to the charged particle and its image in the sphere. It is shown that the angular distribution of the radiation is given by

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X

MNDZHOYAN, A.L.; AFRIKYAN, V.G.; OGANESEAN, A.N.; BADALYAN, V.Ye.

Derivatives of thiophene and tetrahydrothiophene (thiophane).  
Report No.1: Synthesis of some amino esters of 2,5-tetrahydrothiophenedicarboxylic acid. Izv. Akad. Nauk SSSR Khim. Nauki 13 no.1:  
63-67 '60. (MIRA 13:?)

1. Institut tonkoy organicheskoy khimii AN ArmSSR.  
(Thiophenedicarboxylic acid)

MNDZHOYAN, A.L.; AFRIKYAN, V.G.; OGANESYAN, A.N.

Investigations of amines and their derivatives. Report No.5:  
Hydrazides of various n-alkoxybenzylalkylaminoacetic acids as  
possible antitubercular compounds. Izv.AN Arm.SSR.Khim.nauki  
11 no.5:363-368 '58. (MIRA 12:1)

1. Institut tonkoy organicheskoy khimii AN ArmSSR.  
(Glycine) (Hydrazides) (Tuberculosis)

Oganesyan A.N.

MEDZHOTIAN, A.L.; AFRIKYAN, V.G.; OGANESEYAN, A.N.

Research in the field of alkoxybenzoic acid derivatives.

Report No. 14. Dokl.AN Arm.SSR 24 no.3:105-117 '57. (MLRA 10:5)

1. Akademik Akademii nauk Armyanskoy SSR (for Afrikyan).  
(Benzoic acid)

*On N. S. P. V. A. M.*

MNDZHOGYAN, A.L.; AFRIKYAN, V.G.; OGANESYAN, A.N.; PAPAYAN, G.L.

Investigations in the field of furan derivatives. Report no.9. Some  
amino esters of 5-aryl, aralkyloxymethyl furan-2-carboxylic acids.  
Dokl.AN Arm.SSR.23 no.5:205-213 '56. (MLRA 10:2)

1. Deystvitel'nyy chlen Akademii nauk ArmSSR (for Mndzhoyan).
2. Laboratoriya farmatsevticheskoy khimii Akademii nauk Armyanskoy SSR.

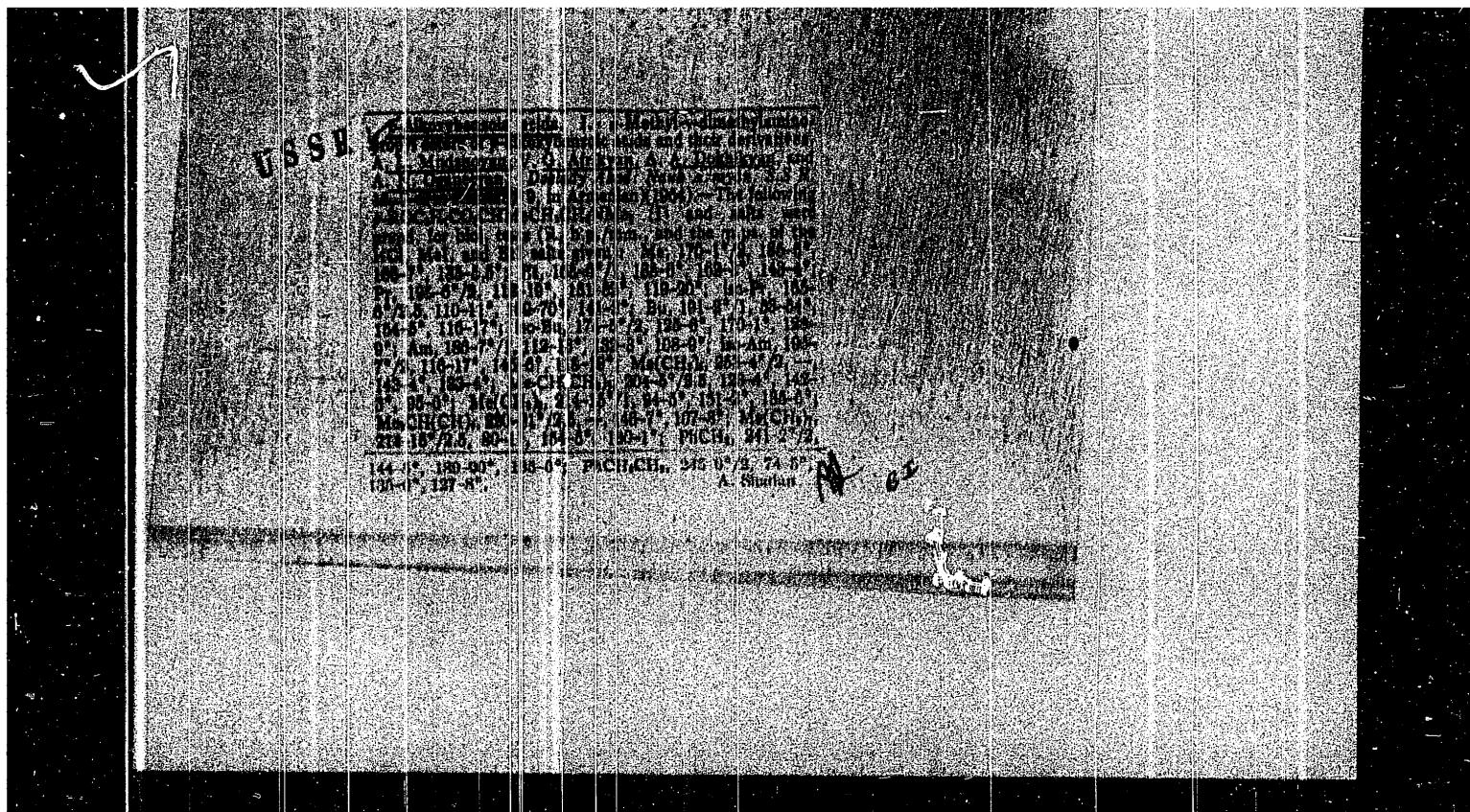
(Furan)

MHDZHOYAN, A.L.; AFRIKYAN, V.G.; OGAHESYAN, A.N.

Investigation of derivatives of p-alkoxybenzoic acids. Dokl.AN  
Arm.SSR 21 no.3:121-128 '55. (MLRA 9:2)

1. Deystvitel'nyy chlen AN Armyanskoy SSR (for Mndshoyan). 2. La-  
boratoriya farmatsevticheskoy khimii Akademii nauk Armyanskoy  
SSR. (Benzoic acid)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800026-6



Oganesyan A.N.

MNDZHOYAN, A.L.; AFRIKYAN, V.G.; OGANESEYAN, A.N.; DIVANYAN, N.M.

Investigation of the synthesis of benzimidazole derivatives. Dokl.  
AN Arm.SSR 18 no.4:111-118 '54. (MIRA 8:3)

1. Deyatvitel'nyy chlen Akademii nauk Armyanskoy SSR (for  
Mndzhyan). 2. Laboratoriya farmatsevticheskoy khimii Akademii nauk  
Armyanskoy SSR.  
(Benzimidazole)

MNDZHOYAN, A.L.; AFRIKYAN, V.G.; OGANESEAN, A.N.; AKOPYAN, N.Ye.; GERASIMYAN,  
D.A.; KHECHUMYAN, L.Kh.

Derivatives of p-alkoxybenzoic acids. Report No.21: Some cyclohexylalkylaminoalkyl esters of p-butoxybenzoic acids. Izv. AN Arm. SSR. Khim nauki 16 no.2:163-174 '63 (MIRA 17:8)

1. Institut tonkoy organicheskoy khimii AN ArmSSR.

OGANESYAN, A.K.; KHACHATRYAN, G.M.

Increase in the production of polyvinyl acetate emulsion. Prom.energ.  
16 no.5:14 My '61. (MIRA 14:7)  
(Vinyl acetate)

L 04404-67

ACC NR: AP6034418

also Professor M. L. Ter-Mikayelyan for a discussion. Orig. art. has: 3 figures and 1 formula.

SUB CODE: 20/ SUBM DATE: 14Jul66/ ORIG REF: 007

Card 3/3 vmb

L 04404-67

ACC NR: AP5034418

2

matter on the path of the electron, and also due to secondary effects. The experimental data show that for relatively low  $\gamma$ -quantum energies the radiation intensity in a layered medium depends to a considerable degree on the energy of the electron and exceeds by many times the radiation intensity in the solid medium. With increasing  $\gamma$ -quantum energy the spectrum of the radiation in the layered medium gradually goes over into the spectrum of the solid medium, which does not depend on  $a$ ,  $l_1$ , or  $E$  when the amount of matter remains constant. The difference in the radiation intensities in the layered and in the solid medium was compared with the results of the theory of resonance radiation with allowance for the  $\gamma$ -quantum absorption on their entire path. The experimental data exceeded by many times the corresponding theoretical ones even without allowance for the  $\gamma$ -quantum absorption. The experimental values exceeded the theoretical ones also for all the investigated layered media with different  $a$ ,  $l_1$ , and  $n$ . The observed difference is attributed to the appreciable scattering of electrons in the layered medium itself. It is assumed that multiple scattering leads to the appearance of photons of relatively high energy, normally not appearing when scattering is not taken into account. It is concluded that the experimentally observed radiation of electrons in a layered medium, with an intensity that exceeds by many times in the x-ray region the intensity of the bremsstrahlung, and which depends strongly on the particle energy (like  $E^n$ , where  $n \geq 2$ ), can be used to determine the particle energy. The authors thank Professor V. A. Petukhov and the staff of the High-energy Electron Laboratory of FIAN SSSR for the opportunity to perform the present experiment, and

Card 2/3

04404-67 EWT(l)/EWT(m)/EWP(j)/T/EWP(k) IJP(e) WG/RTW/AT/RM  
ACC NR: AP6034418 SOURCE CODE: UR/0386/66/004/008/0277/0282

AUTHOR: Arutyunyan, P. R.; Ispiryan, K. A.; Oganesyan, A. G.; Frangyan, A. A.

ORG: Joint Radiation Laboratory, AN ArmSSR and YeGU(Ob'yedinennaya radiatsionnaya laboratoriya AN ArmSSR i YeGU); Physics institute, Yerevan (Fizicheskiy institut)

TITLE: Resonance radiation of electrons of energy up to 600 Mev in a layered medium

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniya, v. 4, no. 8, 1966, 277-282

TOPIC TAGS: resonance scattering, bremsstrahlung, electron radiation, radiation spectrum, layered medium

ABSTRACT: The authors present experimental results on the characteristics of the radiation produced in different layered media by passage of high-energy electrons. The experiment was performed with the electron synchrotron of FIAN SSSR (maximum energy 680 Mev). Different layered media were used. Each consisted of n sheets of a paper of definite thickness  $\delta_1$ , placed in air at an equal distance  $a_1$  from one another. The electrons were registered with a scintillation telescope consisting of two plastic scintillators located on the two sides of the layered medium. The radiation spectrum up to 100 kev was observed with a pulse-height analyzer. The measurements were made also for a solid medium, comprising the same layers compressed to  $a = 0$ . The quantity measured in this case was that part of the radiation in the layered medium, which was due to the electron bremsstrahlung in the layered medium itself and in the remaining

L 4459-65

ACC NR: AP5024657

medium passed through a  $10 \times 10 \times 40 \text{ cm}^3$  chamber containing Xe (pressure not given) where they excited the 35 keV characteristic Xe  $\gamma$ -radiation. The Xe  $\gamma$ -radiation was recorded with eight 8 cm diameter 5 cm thick NaI:Tl crystals which could detect photons with energies between 20 and 100 keV. An event was recorded when at least two such  $\gamma$ -rays were detected simultaneously with the passage of a muon. In 5465 hours 77 events were recorded, of which 9 are ascribed to background. The background was determined by recording events with a 11.5 g/cm<sup>2</sup> plastic shield between the laminated medium and the Xe chamber and is ascribed to direct excitation of Xe  $\gamma$ -rays by passage of charged particles through the Xe chamber. This counting rate is compared with muon fluxes measured by others, and it is concluded that muons with energies above 700 BeV were recorded and that the hypothesis that muons radiate when traversing a laminated medium has been confirmed. The authors find it difficult to draw any definite conclusions from their data concerning the relative numbers of K- and  $\pi$ -mesons produced in primary nucleon-nucleon interactions. Orig. art. has: 5 figures.

SUB CODE: MP/ SUBM DATE: 00/ ORIG REF: 002/ OTH REF: 008

PC  
Card 2/2

AUTHOR: Amiranyan, F.N.; Aspryan, K.A.; Oganesyan, A.G.

ORG: Physics Institute, State Committee on the Uses of Atomic Energy, SSSR (Fizicheskiy institut Gosudarstvennogo komiteta po ispol'zovaniyu atomnoy energii SSSR)

TITLE: Horizontal flux of muons with energies exceeding 700 BeV /Report, All-Union Conference on Cosmic Ray Physics held at Apatity 24-31 August 1964/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 9, 1965, 1769-1771

TOPIC TAGS: secondary cosmic ray, muon, charged particle, electromagnetic radiation, inhomogeneous medium

ABSTRACT: The horizontal flux of high energy cosmic ray muons was employed to investigate the radiation, discussed by M.L.Ter-Mikayelyan and others (Zh. eksperim. i teor. fiz., 39, 1693 (1960); 41, 3002 (1961); Nucl. Phys., 24, 43 (1961)), produced by the uniform motion of a charged particle through a periodic laminated medium. The 300 cm long laminated medium consisted of 300 equally spaced 0.2 mm thick sheets of paper. Cosmic ray muons entering from a solid angle of 0.39 sterad at zenith angles between 73 and 90° were selected with a counter telescope. Electrons were discouraged by a total of 1.7 radiation units of matter disposed in two absorbers, and spurious counts due to cosmic ray showers were eliminated by several surrounding counters in anticoincidence. Photons emitted in the backward direction by muons traversing the laminated

Card 1/2

09010-76

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Лист 1 из 1  
Файл № АМ 10001. Дата 10.02.1984. ГРНТ: Н. Ильин.  
(ПМР В.Ильин)  
Д. Павловский, начальник отдела технологии компонентов беспилотных летательных аппаратов ОКБ им. Сухого.

L 4459-66 ENT(m)/FCC/T IJP(c)  
ACC'NR AJ5024657

SOURCE CODE: UR/0048/66/019/009/1769/1771

AUTHOR: Ашурян, Е.В.; Карапетян, К.А.; Оганесян, А.Г.

39

Ferrite coincidence and ...

S/120/62/000/002/013/047  
E039/E520

average radius of ring 0.2 cm, and time for magnetic reversal  $T_{\pi} = 0.5 \mu\text{sec}$ . The number of turns on each input coil - 20, displacement coils - 80, and output coils - 30. The circuit is arranged to operate for positive pulses of amplitude greater than one volt and the resolving time is  $0.9 \cdot 10^{-6}$  sec. It is stable for changes of  $\pm 20\%$  in the supply voltage. By using H.F. ferrites significant improvements in resolving time are possible and also the construction of apparatus which is simpler and more reliable than valve circuits. There are 3 figures.

ASSOCIATION: Fizicheskiy institut AN ArmSSR  
(Physics Institute AS ArmSSR)

SUBMITTED: June 6, 1961

Card 2/2

21,600  
AUTHORS:

TITLE:

PERIODICAL: Ispiryany, K.A. and Oganesyan, A.G.  
Ferrite coincidence and anticoincidence circuits  
Pribory i tekhnika eksperimenta, no.2, 1962, 61-62

37789  
S/120/62/000/002/013/047  
E039/E520

A four-channel coincidence and anticoincidence circuit is described which makes use of ferrite cores with large and small hysteresis loops as current integrators. Four pairs of input and output coils are wound on a ferrite ring core. In the case of a ferrite with a large hysteresis loop it is possible to obtain a large output signal corresponding to a signal in (a) one or more input coils, (b) two or more input coils, and so on. By changing the current direction in any input coil it is possible to use the channel for anticoincidence. In the case of the ferrite with a small hysteresis loop it operates almost as a linear element and the signal from the outlet coil is proportional to the number of input signals. Details of the circuit are given and its method of operation described. A BT-5 (VT-5) ferrite is used with coercive force  $H_K = 0.15$  oersted, saturation field  $H_M = 0.4$  oersted.

Card 1/2

PHASE I BOOK EXPLOITATION SOV/4899

Oganesyan, A. G.

Sintez novykh sopolimerov (Synthesis of New Copolymers) Yerevan,  
Armsizdat, 1960. 169 p. Errata slip inserted. 1,000 copies printed.

Ed.: G. Demuryan; Tech. Ed.: E. Chanchapanyan.

PURPOSE: This book is intended for technicians, engineers, and scientific workers  
of the chemical industry.

COVERAGE: The book deals with the production of copolymers by the copolymerization  
of chloroprene with petroleum products, especially amylene and its fractions.  
The copolymerization of the amylene fraction with chloroprene, methyl methacrylate,  
and vinyl acetate is described. Methods for utilizing waste and products of  
petroleum refining in the manufacture of rubber-like copolymers are discussed.  
Other topics include the copolymerization process, the mechanism and kinetics of the  
copolymerization reaction, the properties of monomers and copolymers, and the  
physical and mechanical properties of vulcanized rubbers. No personalities are  
mentioned. References accompany each chapter.

Card 1/4

OGANESEYAN, A.G., kand.tekhn.nauk; KALANTARYAN, L.K., inzh.; SARKISYAN, A.M.,  
inzh.; BABELYAN, S.M.; MELKUMYAN, D.A., tekhnik

Synthesis of new rubberlike copolymers. Sbor. nauch. trud. ErPI  
no. 20:215-234 '59. (MIRA 14:5)  
(Polymers--Synthesis) (Rubber, Synthetic)

OGANESIAN, A.B.

In memory of Nikolai Aleksandrovich Troitskii. Nauch. trudy Erev.  
un. 69 Ser. biol nauk no. 8:47-50 pt. 1 '59. (MIRA 14:4)

1. Kafedra botaniki Yerevanskogo gosudarstvennogo universiteta.  
(TROITSKII, NIKOLAI ALEKSANDROVICH, 1887-1957)

OGANESSIAN, A.B.; ABGARYAN, D.A.

Materials on the study of weeds in the cotton fields of  
Oktemberyan District, Armenian S.S.R. Nauch.trudy Erev.un.  
64:105-109 '58. (KIRA 11:12)

1. Kafedra botaniki Yerevanskogo gosudarstvennogo universiteta.  
(Oktemberyan District--Weeds)

OGANESYAN, A.B.

Dynamics of nutritive substances in some Bromus species. Izv. AN  
Arm. SSSR. Biol. i sel'khoz. nauki 11 no.3:35-46 Mr '58. (MIRA 11:3)

1. Biologicheskiy fakul'tet Yerevanskogo gosudarstvennogo universiteta.  
(ARMENIA--BROME GRASS)

OGANISYAN, A.B.; KHANOYAN, A.G.

Materials on the study of weeds in fields of the Dimitrov Collective Farm (village of Oshakan) in Ashtarak District, Armenian S.S.R. Nauch. trudy Erev. un. 54 pt.1:95-111 '56. (MLRA 10:4)

1. Kafedra morfologii i sistematiki rasteniy.  
(Ashtarak District--Weeds)

OGANESYAN, A.B.

Dynamics of the accumulation of caretene in some species of brome grass. Izv.AN Arm.SSR.Biel.i sel'khoz.nauki 9 no.7:3-14 Jl '56.

(MIRA 9:9)

1.Kafedra morfoligii i sistematiki rasteniy Yerevanskogo gesudarstvennogo universiteta imeni V.M.Meletsova.  
(Armenia--Brome grass) (Caretene)

OGANESYAN, A.B.

Ecological anatomy of some ephemeral grasses in the vicinity of  
Eriwan. Izv.AN Arm.SSR.Est.nauki no.6:85-93 '47. (MLRA 9:8)

1. Yerevanskiy gosudarstvenny universitet imeni V.M. Molotova,  
Kafedra morfologii i sistematiki rasteniy. Izv.AN Arm.SSR.Est.  
nauki no.6:85-93 '47. (MLRA 9:8)  
(Eriwan--Grasses)

KOTANYAN, A.A.; OGANEZYAN, A.A.

Some biochemical indices in rheumatic carditis and their  
diagnostic importance. Zhur. eksp. i klin. med. 4 no.2:31-37  
'64. (MIRA 17:8)

I. Kafedra terapii Yerevanskogo meditsinskogo instituta.

OGANESYAN, A.A.

Specialization of the pathogen of cucumber bacteriosis. Izv. AN Arm.  
SSR. Biol. nauki 16 no.3:95-100 Mr '63. (MIRA 17:10)

1. Armyanskiy nauchno-issledovatel'skiy institut zemel'deliya, g.  
Echmiadzin.

OGANESYAN, A.A.

Distribution and the damaging effects of cucumber bacteriosis in Armenia. Izv.AN Arm.SSR.Biol.nauki 15 no.11:63-68 N '62.

(MIRA 15:12)

1. Institut zemledeliya Ministerstva proizvodstva i zagotovok sel'skokhozyaystvennykh produktov Armyanskoy SSR.

(ARMENIA--CUCUMBERS--DISEASES AND PESTS)

(ARMENIA--BACTERIA, PHYTOPATHOGENIC)

OGANESYAN A.A.

BAKIAVADZHYAN, O.G.; OGANESYAN, A.A.

Electrospinogram of a dog. Inv. AN Arm. SSR. Biol. i sel'khoz. nauki  
11 no.2:3-17 F '58. (MIRA 11:3)

1. Institut fiziologii AN ArmSSR.  
(SPINAL CORD) (REFLEXES) (ELECTROPHYSIOLOGY)

USSR / Human and Animal Physiology. Blood Circulation. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41323.

Author : Oganesyan, A. A.  
Inst : Republican Clinical Hospital Arm SSR.  
Title : Arterial Blood Pressure of Workers and Employees  
of the Aluminum Industry (KANAZ).

Orig Pub: Sb. nauchn. tr. Resp. Klinich. bolnitsy ArmSSR,  
1957, 1, 201-203.

Abstract: No Abstract.

Card 1/1

USSR/Human and Animal Physiology. The Nervous System.

v

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27332.

Author : A.A./Organisyan

Inst :

Title : The Electrospinogram Seen Following Hemisection  
of the Spinal Cord.

Orig Pub: In the Collection: Vopr. vyssh. nerv. deyat-sti  
i kompensatorn. prisposobleniy, Vyp. 2, Yerevan,  
AN Arm SSR, 1957, 195-205.

Abstract: Hemisection of the spinal cord of the rabbit at  
the level L<sub>5</sub>--L<sub>6</sub> led to augmentation of electro-  
spinogram potentials (fast potentials and spikes  
appeared) in segments caudal to the lesion and  
diminution of ESG potentials (the absence of spikes,  
the presence of low-amplitude potentials of 20 oscil-

Card : 1/2

USSR/Human and Animal Physiology. The Nervous System.

v

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27331.

Author : A.A. Organisyan

Inst :

Title : The Normal Electrospinogram of the Rabbit.

Orig Pub: In the Collection: Vopr. vyssh. nerv. deyat-sti i kompensatorn. prisposobleniy. Vyp. 2, Yerevan, AN ArmSSR, 1957, 181-194.

Abstract: The electrospinogram of segments L<sub>5</sub>-L<sub>6</sub> of a rabbit in the prone position, recorded in a chronic experiment by means of implanted electrodes, was made up of rhythmic potentials of 30 oscillations per second at 60  $\mu$  v, small potentials of 100 oscillations per second and separate spikes. The potentials of symmetrical points were synchronous. In

Card : 1/2

The electroencephalograms of the brain showed decreased activity, increased beta-frequency, irregularity of rhythm, and occasional appearance of delta wave. These changes were explained by increased inflow of sensory impulses arising from the stimulating action of ionization products in the tissues.

During the first 2 days the number of leukocytes was increased. This increase was due to increased absolute number of segmented neutrophils although the absolute number of lymphocytes was decreased.

A fact of diagnostic significance is that changes in the blood appear sooner than in EKG and EEG.

Sum 1258

OGANISYAN, A. A., and MOVESYAN, M. A.

"Changes of the Electrical Activity of the Heart and Brain Due to Acute Radiation Sickness of Animals," by M. A. Movsesyan and A. A. Organisyan, Institute of Roentgenology and Oncology, Ministry of Health Armenian SSR, and Institute of Physiology of the Academy of Sciences Armenian SSR, Izvestiya Akademii Nauk ArmSSR Vol 9, No 8, Aug 56, pp 13-20

The purpose of this research was to study the changes occurring in the bioelectrical currents of the heart and brain which are caused by a single total irradiation producing acute radiation sickness. Tests were run on 45 mature mice and 14 two-month old rabbits. Simultaneous blood studies were conducted.

The animals appeared normal for the first 2 days, but between the second and fourth days, symptoms of poor mobility, loss of weight, diarrhea, etc., set in.

Electrocardiograms showed decreased amplitude of EKG, widening of QRS complex, etc.; these were attributed to changes in the regulatory function of the central nervous system and to the conduction system of the heart and myocardium.

OGRNL SYNA, A.A.

Category : USSR / Plant Diseases. Diseases of Cultivated Plants N-3

Abs Jour : Ref Zhur - Biol., No 6, March 1957, No 22944

Author : Gulkanyan, V.O., Oganesyan, S.G., Oganesyan, A.A.  
Title : Effect of Nutrients of Fungal Diseases Affecting Wheat.

Orig Pub : Izv. AN ArmSSR, biol. i s.-kh. n., 1956, 9, No 6, 59-76

Abstract : In studying the effects of nutrition by NPK, NPK + manure on diseases caused by forms of rust, firebrand and parasitic fungi on wheat varieties Artashati 42, Grekum 24, Eritroleukon 1, Yevgardi 4, Eritrospermum 4 and Eritroleukon 2, it was established that the index of resistance against fungal diseases is very constant. Independently of the time nutrients were administered, the plant vigor was increased, the vegetative period lengthened and the diseases of the varieties from rust and parasitic fungi were somewhat increased.

Card : 1/1

USSR/Human and Animal Physiology - Action of Physical Factors. T-13

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32321  
Author : Movisyan, M.A., Oganesyan, A.A.  
Inst : -  
Title : Changes of the Electric Activity of the Heart and Brain  
in Animals with Acute Radiation Illness.  
Orig Pub : Tr. 1-y Zakavkazek. konferentsii po med. radiol. Tbilisi,  
Gruzmedgiz, 1956, 137-144.  
Abstract : Mice (45) and rabbits (14) were subjected to a single  
X-ray emission dose of 400-700 r (mice) and 500-900 r  
(rabbits). The first signs of illness (loss of mobility  
and appetite, diarrhea, loss of weight) were noted in 2-4  
days. An increase in the rate of heart contraction was  
subsequently changed by decrease, sometimes - by arrhyth-  
mia. A significant decrease of the amplitude of the EGG  
is noted, as well as an extension of the QRS compound,  
splitting of the R or S waves, inversion of T.

Card 1/2

OGANESYAN, A.A.

ARSHAVSKIY, I. A., ARSHAVSKAYA, Ye. I., YMKHEYVA, S. I., OGANESEYAN, A. A.

Mechanism of realization and physiologic significance of skeletal muscular motor reactions in mammals in the prenatal period. Fiziol. zh. SSSR 37 no. 4:468-474 July-Aug. 1951 (CIML 21:3)

1. Laboratory of Age-Group Physiology of the Institute of Pediatrics of the Academy of Medical Sciences USSR,

OGANISYAN, A.A.

Particularities in the reaction of rabbits to hypoxemia. Izv. AN  
Arm. SSR. Biol. i sel'khoz. nauki. 4 no. 1:79-92 '51. (MLRA 9:8)

1. Institut fiziologii Akademii nauk Armyanskoy SSR.  
(Anoxemia) (Rabbits)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800026-6

OGANISYAN, A.A.

Intrauterine respiratory movements of the human and animal fetus  
and their physiological significance. Nauch.trudy Inst.fiziol.  
AN Arm.SSR. 3:191-219 '50. (MIRA 9:8)  
(FETUS--RESPIRATION AND CRY)

MARKARYAN, L.P.; OGANISYAN, A.A.

Generalized motor reactions (movements) of the human fetus during pregnancy complicated by malaria and some other diseases. Nauch. trudy Inst.fiziol. AN Arm.SSR. 3:177-190 '50. (MIRA 9:8)  
(FETUS) (PREGNANCY, COMPLICATIONS OF) (MALARIA)

OGANISYAN, A.A.

Electrical activity of the spinal cord under normal conditions and  
in injuries at various stages of ontogenesis. Report no.1: Potentials  
of the spinal cord under normal conditions and after it has been cut  
at various stages of ontogenesis. Mauch.trudy Inst.fiziol. AN Arm.  
SSR. 3:81-94 '50.

(SPINAL CORD) (ELECTROPHYSIOLOGY)

(MIRA 9:8)

ISSUE/Medicine - Nervous System, Neuro- Jan/Feb 1948

Medicine - Growth  
neuromuscular

"Tetanization of a Single Contraction as an Indication of the Functional Condition of the Neuromuscular System in Ontogenesis," A. A. Oganiyan, Physiol. of Growth Lab, Pediatrics Inst, Acad Med Sci, USSR.

PA 41T85

Physiol Zhur SSSR<sup>o</sup> Vol XXIV, No 1

Experiments showed that the neuromuscular system of newborn rats, 14 - 17 days old, had good indications of the phenomenon of tetanization or a single contraction. After this period the phenomenon could

ISSUE/Medicine - Nervous System, Neuro- Jan/Feb 1948  
Neuromuscular (Contd)

not be noticed on unaltered nerves. Showed that nerves had low lability during the first 15 days. Increase of lability is necessary for development of the tetanization of a single contraction. Sub-

41T85

OGANISYAN

OGANISTAN, A.A.

42613. O Nekotorykh Vestibulyarnykh Reaktsiyakh V Ontogenese. Byulleten' Eksperim.  
Biologii I Meditsiny, 1948, No. 12, S. 417-19.

MKRTCHYAN, K.A.; BARSEGYAN, L.A.; OGANESYAN, Dzh.A.; ARUTYUNYAN, A.R.;  
AYVAZYAN, S.M.

Ancient mining and metallurgic structures of Metsamor (Armenia).  
Izv. AN Arm.SSR Nauki o zem. 17 no.2:69-74 '64.

1. Upravleniye geologii i okhrany nedr pri Sovete Ministrov  
Armyanskoy SSR. (MIRA 17:8)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800026-6

OGANESYAN, A., inzh.

Radio waves replace the cord. Kryl.rcd. 14 no.7:45-47 J1 '63.  
(MIRA 16:9)

(Airplanes--Models)

O

OGANESYAN, A.

The AGL-2 electric motors. Prom. Arm. 6 no.11:43-44 N '63.  
(MIRA 17:1)

1. Glavnyy tekhnolog Yerevanskogo elektrotekhnicheskogo  
zavoda.

TKACHEV, V.V., inzh.; DUBOV, A.M., inzh.; OGANESOV, V.N., inzh.; ANDREYEV,  
N.M., inzh.; KAL'DA, R.R., inzh.; NOORMETS, Kh.A.

Effectiveness of grinding in mills of closed and open cycles.  
TSement 31 no.2:13-14 Mr-Ap '65. (MIRA 18:8)

1. Gosudarstvennyy vsesoyuznyy institut po proyektirovaniyu i  
nauchno-issledovatel'skim rabotam tsementnoy promyshlennosti,  
Leningrad, i tsementnyy zavod "Punane Kunda".

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800026-6

TKACHEV, V. V.; SLANEVSKIY, A. V.; ROZENBERG, V. I.; OGANESOV, V. N.

Classification of cylindrical pebbles in tube mills. Trudy  
Giprotsement no. 26:63-74 '63. (MIRA 17:5)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800026-6

TKACHEV, V.V.; LEYCHENKO, I.Ya.; OGANESOV, V.N.; ONISHCHENKO, I.S.;  
NELIDOV, V.A.; SERKACHEV, O.V.; BOGIN, A.M.

Using separator mills in making cements of various specific  
surface areas. TSement 26 no.2:13-20 Mr-Ap '60.  
(MIMA 13:6)

(Cement) (Milling machinery)

BARSOV, Nikolay Nikolayevich, dotsent, kand.geograf.nauk; BONIFAT'YEVA, Lidiya Ivanovna, dotsent, kand.geograf.nauk; BURENKO, Sergey Fedorovich, dotsent, kand.geograf.nauk; GITLITS, Semen Aleksandrovich, dotsent, kand.ekonom.nauk; GUREVICH, Priam Vladimirovich, prof.; DARINSKIY, Anatoliy Viktorovich, dotsent, kand.geograf.nauk; DOLININ, Aleksey Arkad'yevich, dotsent, kand.geograf.nauk; DOROSHKEVICH, Lyudmila Ivanovna, dotsent, kand.geograf.nauk; INFIMOVA, Yelena Semenovna, kand.geograf.nauk; LAVROV, Sergey Borisovich, dotsent, kand.geograf.nauk; LEDOVSKIY, Stepan Ivanovich, dotsent, kand.geograf.nauk; NEVEL'SHTEYN, Grigorij Solomonovich, dotsent, kand.geograf.nauk; NIKOLAYEVA, Nadezhda Vasil'yevna, dotsent, kand.geograf.nauk; OGANESEV, Vladimir Artem'yevich, kand.geograf.nauk; PINKHENSON, Dmitriy Moiseyevich, dotsent, kand.geograf.nauk; POSPELOVA, Nataliya Georgiyevna, prof., doktor ekonom.nauk; SEMENSKIY, Boris Nikolaevich, prof., doktor geograf.nauk; SUTYAGIN, Pavel Grigor'yevich, dotsent, kand.geograf.nauk; SHTEYN, Viktor Moritsovich, prof., doktor ekonom.nauk; YEROFEEV, I.A., red.; SMIRNOVA, N.P., red.; TYUTYUNNIK, S.G., red.kart; BORISKINA, V.I., red.kart; KOZLOVSKAYA, M.D., tekhn.red.

[Economic geography of foreign countries; student manual] Ekonomicheskaja geografiia zarubezhnykh stran; posobie dlja studentov. Moskva, Gos.uchebno-pedagog.izd-vo M-vs prosv.RSSR, 1960. 702 p. 4 maps  
(MIRA 13:12)

(Geography, Economic)

OGANESOV, V. A. Cand Geog Sci -- (diss) "New Zealand. (Economic and geographic description)." Len, 1957. 18 pp (Min of Education RSFSR. Len State Ped Inst). 100 copies (KL, 43-57, 87)

BERNSHTEYN, [REDACTED], inzh.; VASYUZHINICH, V.Ia., inzh.; GDALIN, A.D.,  
[REDACTED]; GOLOVKO, V.A., inzh.; GOLUBEVA, N.V., inzh.;  
GUREVICH, V.G., inzh.; KOROVIN, N.I., inzh.; KURDOV, V.G.,  
inzh.; LENMAN, I.M., inzh.; MITRYASHIN, M.L., inzh.;  
OGANESSOV, N.G., inzh.; OKUNEV, N.A., inzh.; TURZHITSKIY,  
V.I., inzh.; YUFIT, B.P., inzh.; SHEL'VAKH, V.F., inzh.

[Manual on the quarrying and processing of rock building  
materials] Spravochnik po dobyche i pererabotke nerudnykh  
stroitel'nykh materialov. Leningrad, Stroizdat, 1965.  
520 p. (MIRA 18:2)

1. Vsesoyuznyy gosudarstvennyy institut po proyektym i  
nauchno-issledovatel'skim rabotam promyshlennosti nerud-  
nykh stroitel'nykh materialov.

OGANESOV, I.S.; KASPE, M.I.; ANPILOGOV, R.G., retsenzent;  
KOLTUNOVA, M.P., red.; BOBROVA, Ye.N., tekhn. red.

[Planning, business accounting and the analysis of the production and administrative operations of transportation construction enterprises] Planirovanie, khoziaistvennyi raschet i analiz proizvodstvenno-khoziaistvennoi deiatel'nosti organizatsii transportnogo stroitel'stva, Moscow, Transzheldorizdat, 1963. 330 p. (MIRA 17:2)

OGANESOV, I.S.

Complex method of the technical and economic analysis of the activity of a construction organization. Transp. stroi. 13 no.1:27-40 Ja '63 (MIRA 18:2)

I. Rukovoditel' sektora ekonomiki stroitel'stva i Sentral'nogo nauchno-issledovatel'skogo instituta svyazi.

OGANESOV, I.S., nauchnyy sotrudnik; RABINOVICH, A.Ye., nauchnyy sotrudnik;  
TKACH, S.D., nauchnyy sotrudnik

Problems of further specialization in construction for the  
transportation industry. Transp. stroi. 12 no.6:36-39 Je '62.  
(MIRA 15:6)

1. Otdeleniye ekonomiki Vsesoyuznogo nauchno-issledovatel'skogo  
instituta transportnogo stroitel'stva.

(Construction industry)  
(Transportation)

OGANESOV, I.S.

Shortening the time required for the electrification of railroads.  
Trudy MIEI no.15:379-384 '61. (MIRA 14:12)

J. Rukovoditel' sektora ekonomiki stroitel'stva Vsesoyuznogo  
tekhnichno-issledovatel'skogo instituta transportnogo stroitel'stva  
Ministerstva transportnogo stroitel'stva SSSR.  
(Railroads—Electrification)

OGANESOV, I.S.

Let's raise standards in operational production planning. Konspr.  
stroj. 11 no.2:11-42 F '61. (MI A 11:2)

1. Rukovoditel' sektora ekonomiki stroitel'stva TSentral'nogo  
nauchno-issledovatel'skogo instituta svyazi.  
(Construction industry) (Bridge construction)

KASPE, Mark Isaakovich; OGANESOV, Ivan Sogomonovich; KOLOMEYETS,  
A.V., kand. tekhn.nauk, red.

[Analysis of the production and administrative operations  
of construction organizations] Analiz proizvodstvenno-  
khoviaistvennoi deiatel'nosti stroitel'nykh organizatsii.  
Moskva, Transzheldorizdat, 1960. 125 p. (MIRA 17:5)

LEVIN, B.I.; ANPILOGOV, R.G.; BOGATYREV, A.F.; BRYKIN, S.V.; GOL'DMAN,  
M.S.; DAVIDOV, G.V.; ZADORIN, B.M.; ZERENINOV, A.M.; LAPUSHKIN,  
A.D.; LINDREV, V.I.; MURAV'YEV, V.I.; OGANESOV, I.S.; PETROV,  
N.I.; SIDORIN, V.K.; SOLDATOV, Ye.G., obshchiy red.; KARAMYSHEV,  
I.A., red.; PESKOVA, L.N., red.; KHITROV, P.A., tekhn.red.

[Manual for studying the economics of construction in the  
transportation industry] V pomoshch' izuchaiushchim ekonomiku  
transportnogo stroitel'stva. Moskva, Gos.transp.zhal-dor.  
izd-vo, 1959. 271 p.

(MIRA 12:7)

(Construction industry) (Transportation)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800026-6

OGANESSOV, I.S., starshiy prepodavatel'.

Economic aspects of the construction industry in the U.S.S.R.  
(theory and practice). Trudy MTEI no.6:201-213 '57. (MIRA 11:5)  
(Construction industry--Finance) (Railroads--Finance)

AIRIKOSOV, I.A., BEGISHEV, F.A., DENISEVICH, V.V., ZHUKOVSKII, L.G.,  
KALININ, N.A., MIRCHINK, M.F., MUSTAFINOV, A.N., MALIVKIN, V.D.  
ODANESOV, G.N., ROVININ, L.I., TROFIMUK, A.A.,

"New oil and gas regions in the USSR"

Abstract. In the introductory part of the report the progress in geological oil and gas exploration work in the USSR, objectives of oil and gas industry in the current Seven-Year Plan and in connection with the perspective plan up to 1980 inclusive have been briefly described. Further, characteristics of new oil and gas regions and new fields have been cited. New oil and gas regions of the Pernian Pre-Ural, Bashkir ASSR, Tatar ASSR, Azerbaijan SSR, western part of Kazakh SSR, Turkmen SSR, Uzbek SSR, Siberia and the Far East, have been reviewed. Tectonic position of each of these regions as well as their stratigraphic

characteristics and specific features of oil and gas bearing capacity have been considered. A brief description of some newly discovered oil and gas fields from the point of view of their position in the general tectonic plan have been given; a brief lithologic characteristic of rock-collectors and conditions of occurrence of oil and gas (types of traps) has been brought in.

The report points out the importance of each new oil and gas area and separate fields in the light of perspectives of further geological exploration work and increase in oil and gas production.

report to be submitted for the 6th World Petroleum Congress, Frankfurt,  
West Germany, 19-26 June 1963

OGANESOV, G.G., professor-doktor; KARAMYAN, G., redaktor; SAROYAN, P.,  
tehnicheskiy redaktor

[Draining by means of sump pumps in the Northern Steppe] Osushenie  
nasosnymi kolodtsami Severnoi stepi. Erevan, Armianskoe gos. izd-vo.  
1956. 106 p.  
(Armenia--Reclamation of land)  
(Pumping machinery)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800026-6

OGANESOV, Armenik Sogomonovich; BILIK, Sh.M., doktor tekhn. nauk  
red.

[Plastics in the friction elements of locomotives] Plast-  
massy v uzlakh treniia lokomotivov. Moskva, Transport,  
1965. 85 p. (MIRA 19:1)

OGANESOV, A.S., inzh.

Axle box components from plastic materials. Elek. i tepl. tiaga  
7 no.4:15 Ap '63. (MIRA 16:5)

1. Proyektno-konstruktorskoye byuro Glavnogo upravleniya lokomotivnogo  
khozyaystva Ministerstva putey soobshcheniya.  
(Electric railroads) (Plastics)

ACCESSION NR: AT4028413

of electric locomotives, floating collars of the main axles of steam locomotives, the slip rod collars of steam locomotives, the slip cover plates of locomotives, valves of steam locomotives, etc. on various rail lines of the Soviet Union. As a result of their investigations, the authors hope that in the immediate future, plastics will be substituted for nonferrous metals to a significant degree in railroad rolling stock and will thereby increase the operation of friction points of the moving parts.  
Orig. art. has: 11 figures and 5 tables.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznyodorozhnogo  
transporta (All Soviet Railroad Scientific Research Institute)

SUBMITTED: 00

DATE ACQ: 16Apr64

ENCL: 00

SUB CODE: MA

NO. REF Sov: 004

OTHER: 000

ACCESSION NR: AT4028413

S/2917/63/000/267/0046/0059

AUTHOR: Bilik, Sh. M. (Doctor of Technical Sciences); Luk'yanchikov, I. K. (Engineer); Oganesov, A. S. (Engineer); Shirokikh, V. P. (Engineer)

TITLE: Experimental use of antifriction polymer materials in locomotives

SOURCE: Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut zhelezodorozhного transporta. Trudy\*, No. 267, 1963. Primeneniye polimerov v podvizhnom sostave zheleznykh dorog (using polymers in railroad rolling stock), 46-59

TOPIC TAGS: antifriction material, antifriction polymer, locomotive, plastics, metal polymer, wear, antifriction disc, floating collars

ABSTRACT: The authors have undertaken a study to determine means for meeting increased reliability and life span requirements of friction points in moving parts of trains, due to the rapid growth and increased speed of the railroad transport. The study concentrated on metal-polymer friction couplings. After laboratory and test stand experiments, a number of metal-polymer couplings were installed on locomotives for experimental use. Some of these materials were made completely of plastic others from metal components covered with an antifriction polymer layer. The authors list the results using the latter in various components, such as antifriction discs

Card 1/2

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OGANESSOV, A.S., inzh.

Antifriction plastic disks. Elek. i tepl. tiaga 4 no. 5:10-11 My  
'60. (MIRA 13:?)  
(Electric locomotives--Equipment and supplies)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800026-6

OGANISOV, A.K. (Kislyar)

Bird colonies in the Kyzyl-Agach Preserve. Priroda 49  
no.7:95-99 J1 '60. (MIRA 13:7)  
(Kyzyl-Agach Preserve--Birds)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800026-6

OGANESOV, A.K.

Large cormorant in the Kizyl-Agach Preserve. Priroda 43 no.12:114  
D '54. (MIRA 8:1)

1. Kysyl-Agachskiy gosudarstvennyy zapovednik im. S.M.Kirova.  
(Kizyl-Agach Preserve--Cormorants)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800026-6

OGANESOV, A.K.

Fashioning new shoe models. Leg.prom.15 no.1:49 Ja '55. (MLRA 8:3)  
(Shoe industry)

OOANEJOV, A.K.

Shaping the heel and the hollow of the sole by means of  
cutters. Leg.prom. 14 no.6:41 Je '54. (MIRA 7:8)  
(Boots and shoes)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800026-6

BULAVINTSEVA, A.I.; KORNILOVA, G.G.; GITOVICH, A.I.; OGANDZHANYANTS, V.I.

Prognostic significance of the temporal-brachial coefficient  
in parturients in physiological and pathological labor. Akush.  
i ginek. 39 no.3:101-105 My-Je '63 (MIRA 17:2)

1. Iz kafedry akusherstva i ginekologii (zav. .. zasluzhennyj  
deyatel' nauki prof. I.I. Yakovlev) 1-go Leningradskogo medi-  
tsinskogo instituta imeni I.P. Pavlova.

OGANDZHANYANTS, V.I.; PLEVAKOV, I.I.

A method for constructing dynamic transistor components for  
nonstationary load conditions. Sbor.rab.po vop.elektromekh.  
no.7:375-381 '62. (MIRA 16:1)  
(Transistor circuits) (Electric power supply to apparatus)

Certain methods of temperature ...

S/573/61/000/005/023/023  
D201/D305

than 0.1 mV/degree.volt. Variants of thermally compensated voltage stabilizers are briefly discussed, one with the input to the amplifier taken from a potential divider at the output, with a zener diode as a reference voltage source and a stabilizer with better temperature compensation, in which the voltage measuring circuit consists of a cathode-coupled difference amplifier. Expressions for the temperature instability coefficients are given and it is stated in conclusion that the use of the above mentioned circuits make it possible to design voltage stabilizers with a temperature instability less than 0.1 mV/degree. There are 3 figures and 3 references: 2 Soviet-bloc and 1 non-Soviet-bloc [Abstractor's note: One of the Soviet-bloc references is a translation into Russian of R.F. Shea's "Transistors and their Applications"]. The reference to the English-language publication reads as follows: W. Van de Stadt, High current low-tension transistor stabilizers, Electronic Engineering, July 1957.

Card 2/2

S/573/61/000/005/023/023  
D20 ✓ D305

9.2150

AUTHOR: Ogandzhanyants, V.I.

TITLE: Certain methods of temperature compensation of  
semiconductor voltage stabilizers

SOURCE: Akademiya nauk SSSR. Institut elektromekhaniki.  
Sbornik rabot po voprosam elektromekhaniki. no. 5,  
Moscow, 1961. Avtomatizatsiya, telemekhanizatsiya  
i priborostroyeniye, 330 - 333

TEXT: The author considers briefly various methods of temperature  
stabilization of a basic transistorized parallel-type voltage regu-  
lator, whose output voltage  $U_o$  is function of input voltage  $U_{in}$ ,  
load current  $I_L$  and temperature  $T$ . Obtaining the reference voltage  
from batteries and voltage reference diodes is mentioned, specifi-  
cally diodes D-808-D811 (D808-D811). The zener diode characteris-  
tics permit in their back-to-front connection, obtaining the over-  
all temperature instability of the reference voltage source less

Card 1/2

The arrangement for ...

S/194/62/000/001/029/066  
D201/D305

velocity, a control number for checking the read-out and technological commands. All information is recorded on 30 rows of a perforated standard telegraphy tape and is read out by the transmitter in 9 secs. Since the circuit of data transformation operates in a binary code, the command data are translated one after another into the code by consecutive addition of pulses, the number of which corresponds to the number of units, tens, hundreds, etc. The data are applied to the counter by an inverse code. The command data (in binary code) are applied to the intermediate storage device by means of a commutator designed around a step-by-step switch. The memory uses rectangular hysteresis loop ferrites. After finishing the previously ordered operation, the stored data are applied to the triggers of the arithmetic unit integrators, to the coordinate transformation device and to the displacement metering device, in which the codes are translated into a pulse sequence, recorded on a magnetic tape. Tables of initial system data are given. 5 figures. *[Abstracter's note: Complete translation.]*

Card 2/2

S/194/62/000/001/029/066  
D201/D305

AUTHORS: Mikhaylov, V. V. and Ogandzhanyants, V. I.

TITLE: The arrangement for inserting the input information  
for a programmed control system of a gas-cutting auto-  
matic machine

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,  
no. 1, 1962, abstract 1-2-134 yu (Sb. rabot po vopr.  
elektromekhan. In-t elektromekhan. AN SSSR, 1961,  
no. 5, 107-116)

TEXT: A description of the input arrangement and of magnetic tape  
data recording is given, as used in a system of digital programmed  
control of an automatic gas-cutting machine. The device, of the  
digital analogue type, was developed at the Institut el-mekhaniki,  
AN SSSR (Institute of Electro-Mechanics of the AS USSR). Initial  
data are given by two 5-digit decimal numbers, the displacements  
by two 8-digit ones and the coordinate transformation by two 6-di-  
git ones. The following data are also introduced: The displacement

Card 1/2 ✓

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OGANDZHENYANTS, V.I.

New therapeutic and diagnostic devices using transistors.  
Sbor.nauch.trud.Kaf.akush. i gin. 1 IMI no.28386-390'61.  
(MIRA 16:7)

(OBSTETRICS--EQUIPMENT AND SUPPLIES)

DAVYDOV, S.N.; OGANDZHANYANTS, V.I.

Method of electric stimulation of the receptors of the uterine  
cervical canal. Sbor.nauch.trud.Kaf.akush. i gin. 1 IMI no.2:  
354. -358'61. (MIRA 16:7)

(ELECTROTHERAPEUTICS) (UTERUS--INNERVATION)

OGANDZHANYANTS, V.G.; ASLANOV, R.T.; KURMAYEV, Sh.Kh.

Method for the experimental study of the effect of well spacing  
on the water flooding of petroleum from a nonuniform bed. Trudy  
VNII no.42:30-42 '65. (MIRA 18:5)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-Q0513R001237800026-6

OGANDZHANYANTS, V.G.

Partial maintenance of reservoir pressure in low-permeability  
oil bearing rocks. Nefteprom. devo no.10:41-43 '64.  
(MIRA 17:12)

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